

INFORMATION REPORT INFORMATION REPORT

50X1-HUM

C-O-N-F-I-D-E-N-T-I-A-L

REPORT

NO. OF PAGES 1

REQUIREMENT NO. RD

REFERENCES

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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

two-page trade folder

concerning the East German fully automatic cylinder press "Victoria-Front". The machine number is 5873.

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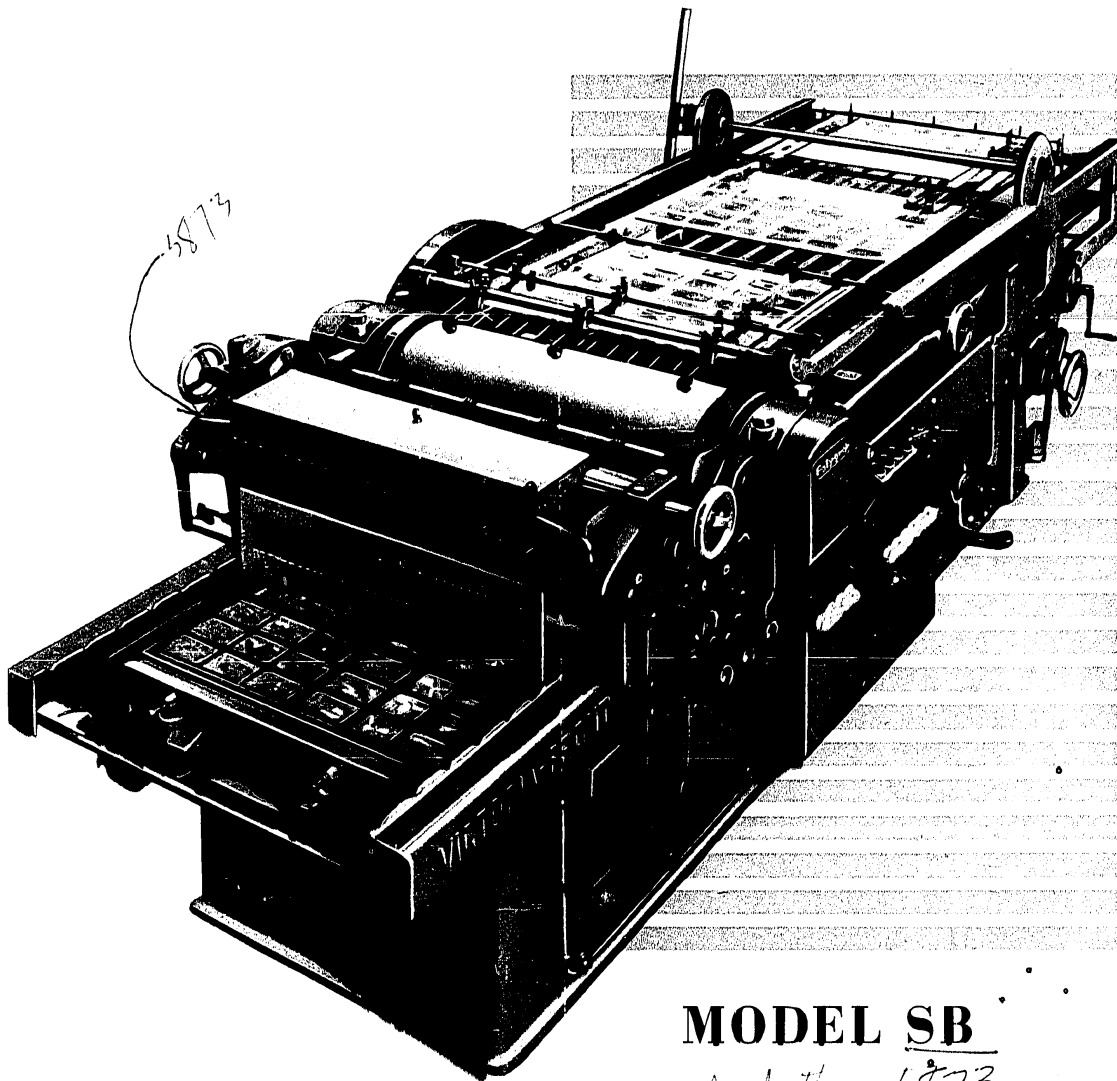
FULLY-AUTOMATIC CYLINDER PRESS

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VICTORIA-FRONT

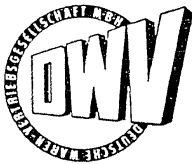
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MODEL SB

Mach # 5873



DEUTSCHE WAREN-VERTRIEBSGESELLSCHAFT MBH

POLYGRAPH-EXPORT

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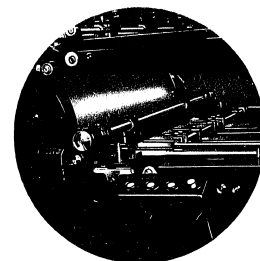
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VICTORIA PRINTING MACHINES ARE WORLD-RENOWNED

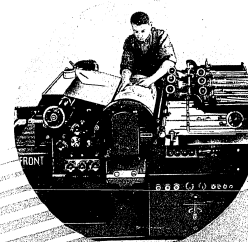
Construction and Operation of the Victoria-Front Model 5B

On the Victoria-Front Model 5B the sheet is fed from a reliably working automatic feeder horizontally to the front-lay-marks, and registered by means of a pulling side-lay. The sheet is now sucked from below by the swinging lay and transferred in register at gradually increasing speed to the cylinder grippers, and simultaneously pressed against the printing cylinder by means of blast air from below. The grippers hold the sheet during the entire printing period and, at the crown of the printing cylinder, transfer it to the delivery which deposits it in the opposite direction above the front-lay. From this point to the delivery pile three sheets are travelling with the printed side up exposed to the air. The ink therefore, has sufficient time to dry, so that with most jobs interleaving is unnecessary. Solids, halftones, tints, etc., which actually require interleaving, can quite easily be interleaved from the to-and fro moving tape carriage above, also, a sprayer, either movable or fixed, can be quite easily used. The normal delivery board holds a pile of about 1,000 sheets, and the printed work may be removed on the run. The Automatic Feeder is supplied with suction and blast air from our high-capacity piston pump which is driven independently from the machine by its own motor.

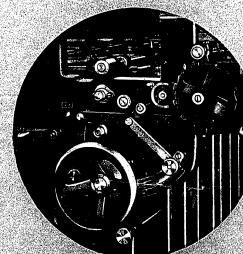
This enables single sheets to be sent to the front-lays by actuating a special lever, whilst the machine is running. The feed-pile may be stocked in the machine or upon a movable pile-tray with simple stacking device outside the machine. The machine incorporating the famous Victoria Inking Gear, the forme is accessible from three sides. On account of the advantageous delivery of the sheet, the printer can completely overlook three sheets as they travel to the delivery board. The very solidly constructed machine requires very little make-ready. All necessary work on the impression cylinder can be attended to far more favourably than on any other type or make of machine, because the delivery carriage can be racked back, whereby three-quarters of the impression cylinder are freely exposed, and because the inking gear can be covered over with a make-ready plate provided for the purpose. The press incorporates an automatic cylinder check with interruption of the ink supply, and an automatic sheet control with cut-out device.



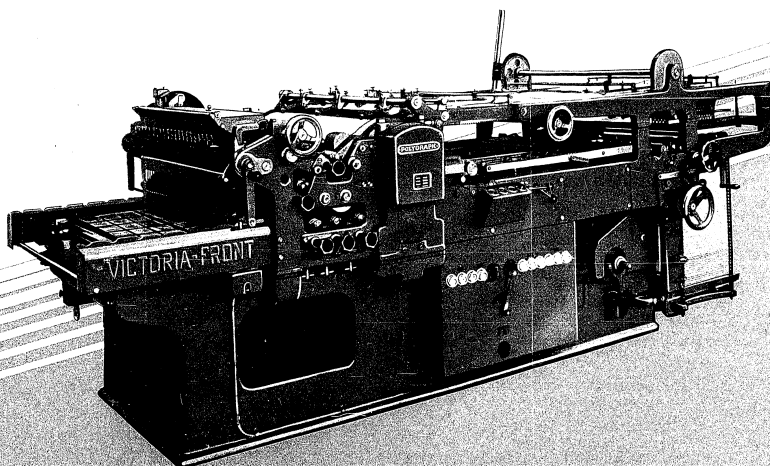
Push-button control and open front-lay



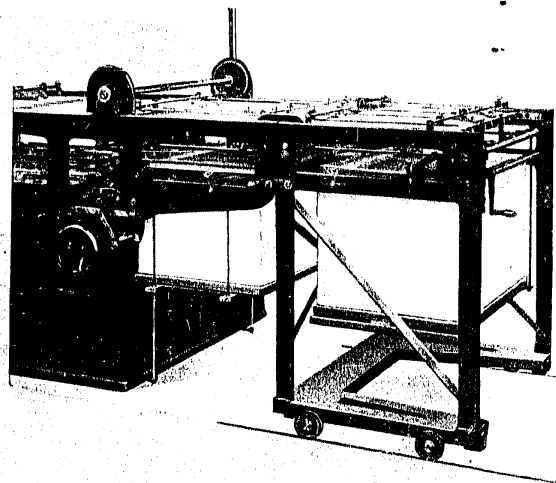
Comfortable make-ready



Free and accessible setting mechanisms



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The extended high-pile delivery

especially advantageous for large runs, is connected up to the machine simply and by a single touch of the hand. This delivery takes a 24" pile of freshly printed sheets which, by means of the trolley, can be effortlessly removed. The extended high pile delivery is so designed that, according to the space conditions in the printing office, it can be run up to the machine on rails either from the side or from the back. This extended delivery does not in any way alter, or interfere with, the accessibility to the forme, to the printing cylinder, or to the inking gear. The interleaving or spraying, if necessary, of particularly heavy formes, can be done just as comfortably with the extended delivery as without it.

The fully automatic electric driving equipment

of the Victoria-Front comprises, apart from the electric motor, a special switch-box containing the regulator with built-in resistance, the fuses and switches, the relays-in the case of direct current a time-relay; further, the push-button control with the four ideal stations "Stop", "Inch", "Slow", "Run". The entire electrical equipment is built into the machine base in a compact, accident-proof, efficient, and reliable manner; it is ready to operate and only requires connecting to the mains. The machine can also be stopped, apart from the push-button station, by a knob at the delivery board, and further, by lifting the hand-guard, above the forme at the front of the machine.

Our locking-up-bar system

enables formes to be locked directly between the bearers without the use of a chase. The latter is replaced by two locking-up bars which have at their ends spring bolts which snap into holes in the bearers. Thus, it is possible not only to make full use of the printing width of the impression cylinder, but also to save furniture. The Victoria-Front requiring no tapes, either in the centre or at the outer edges, sheets may be printed up to the maximum inkable printing width, right up to the edges of the paper.

Normal equipment (included in price of machine)

2 chases, 1 locking-up plate, 2 sets of roller stocks, 1 forme board, 1 sheet counter with zero setting, 1 tool-board with complete set of tools, 1 oil-can, 1 grease-gun.

Special accessories (not included in the machine price)

Locking up bars, movable stacking device, extended high-pile delivery, brush rod to smooth the sheets roller washing device, electric lighting of the forme, roller mould with foot and star.

Victoria-Front "Model SB"		Type size-width with locking up bars 770 mms
Code-word	Gudrun	30 ¹ / ₄ "
Maximum paper size	560 × 800 mms	Power required 3 kW
	22" × 31 ¹ / ₂ "	Space required 3500 × 1760 mms
Type size	520 × 750 mms	138" × 709"
	20 ¹ / ₂ " × 29 ¹ / ₂ "	Net weight about 3750 kgs
Dimensions inside chase	540 × 750 mms	Gross weight about 4750 kgs
	20 ¹ / ₄ " × 29 ¹ / ₂ "	Gross weight (sea packing) 5050 kgs
Output	3200 sheets/h	Cubic measurement 13 m ³